

10/589144  
IAP11 Rec'd PCT/PTO 14 AUG 2006

Practitioner's Docket No. NEB-240-PUS

PATENT

IN THE UNITED STATES RECEIVING/ELECTED OFFICE

Patent application  
of George Tzertzinis, Celine Petit and George Feehery  
for Highly Potent hsiRNA Mixtures and Method for Gene Splicing

Mail Stop PCT; Attn: US/EO/EO  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT  
WITHIN THREE MONTHS OF FILING OR  
BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. § 1.97(b))

IDENTIFICATION OF TIME OF FILING THE ACCOMPANYING  
INFORMATION DISCLOSURE STATEMENT

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. 37 C.F.R. § 1.97(b).

---

CERTIFICATION UNDER 37 C.F.R. " 1.8(a) and 1.10\*  
(When using Express Mail, the Express Mail label number is *mandatory*;  
*Express Mail certification is optional.*)

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

X deposited with the United States Postal Service in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

37 C.F.R. § 1.8(a)

G with sufficient postage as first class mail.

37 C.F.R. § 1.10\*

X as "Express Mail Post Office to Addressee"  
Mailing Label No. EQ 611795087 US (mandatory)

TRANSMISSION

G facsimile transmitted to the Patent and Trademark Office, (571) 273 - 8300.

Date: August 14, 2006

Signature

Leslie Goldberg  
(type or print name of person-certifying)

\* Only the date of filing (' 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under ' 1.8 continues to be taken into account in determining timeliness. See ' 1.703(f). Consider "Express Mail Post Office to Addressee" (' 1.10) or facsimile transmission (' 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

10/589144  
IAP11 Rec'd PCT/PTO 14 AUG 2006

*Harriet Strimpel*

Date: August 14, 2006

Harriet M. Strimpel, D.Phil.

Registration No. 37,008

New England Biolabs, Inc.

240 County Road

Ipswich, MA 01938

978-380-7373

Customer No. 28986

Practitioner's Docket No. NEB-240-PUS

PATENT

IN THE UNITED STATES RECEIVING/ELECTED OFFICE

Patent application of: George Tzertzinis, Celine Petit and George Feehery

for *Highly Potent hsiRNA Mixtures and Method for Gene Splicing*, the specification of which is being transmitted herewith.

Mail Stop PCT, Attn: US/RO/EO  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

List of Sections Forming Part of This Information Disclosure Statement

The following sections are being submitted for this Information Disclosure Statement:

1. Forms PTO/SB/08A and 08B (formerly Form PTO-1449)
2. Copies of Listed Information Items Accompanying This Statement
3. Identification of Person(s) Making This Information Disclosure Statement

---

**CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10\***  
(When using Express Mail, the Express Mail label number is mandatory;  
Express Mail certification is optional.)

I hereby certify that, on the date shown below, this correspondence is being:

**MAILING**

X deposited with the United States Postal Service in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

37 C.F.R. § 1.8(a)

☐ with sufficient postage as first class mail.

37 C.F.R. § 1.10\*

X as "Express Mail Post Office to Addressee"  
Mailing Label No. EQ 611795087 US (mandatory)

**TRANSMISSION**

☐ facsimile transmitted to the Patent and Trademark Office, (571) 273 - 8300.

Date: August 14, 2006

Signature

Leslie Goldberg  
(type or print name of person certifying)

\* Only the date of filing ( ' 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under ' 1.8 continues to be taken into account in determining timeliness. See ' 1.703(f). Consider "Express Mail Post Office to Addressee" ( ' 1.10) or facsimile transmission ( ' 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

10/589144  
IAP11 Rec'd PCT/PTO 14 AUG 2006

**Section 1. Forms PTO/SB/08A and 08B (formerly Form PTO-1449)**

(Insert form(s) PTO/SB/08A [Form 6-2] and/or form(s) PTO/SB/08B [Form 6-2.1].)

10/589144  
IAP11 Rec'd PCT/PTO 14 AUG 2006

**SECTION 2. FORMS PTO/SB/08A and 08B (formerly Form PTO-1449)**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Tzertzinis et al. Attorney Docket: NEB-240-PUS  
Serial No: Not yet assigned Art Group Unit: Not yet assigned  
Date Filed: Herewith Examiner Name: Not yet assigned  
Invention: Highly Potent hsiRNA Mixtures and Methods for Gene Silencing

**LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE STATEMENT**

U.S. PATENT DOCUMENTS					
Examiner Initials	Reference Number	Document Number	Issue / Pub. Date	Inventor	Class/Subclass
	AA	US 2002-0114784	08/22/2002	Li et al.	A61K 48/00
	AB	US 2002-0162126	10/31/2002	Beach et al.	A01K 67/00
	AC	US 2002-0173478	11/21/2002	Gerwirtz	A61K 48/00
	AD	US 2003-0108923	06/12/2003	Tuschl et al.	C12Q 1/68
	AE	US 2003-0125281	07/03/2003	Lewis et al.	A61K 48/00
	AF	US 2004-0038278	02/26/2004	Tzertzinis et al.	C12Q 1/68
	AG	US 6,506,559	01/14/2003	Fire et al.	C12Q 1/68

FOREIGN PATENT DOCUMENTS					
Examiner Initials	Reference Number	Document Number	Issue / Pub. Date	Applicant	Class/Subclass
	BA	WO 01/68836	09/20/2001	Genetica Inc. et al.	C12Q 1/68
	BB	WO 01/75164	10/11/2001	Whitehead Institute for Biomedical Research et al.	C12Q 1/68

OTHER DOCUMENTS			
Examiner Initials	Reference Number	Author	Title of Article, Title of Journal, Volume Number, Page Numbers, Date
	CA	Bernstein et al.	Nature 409: 363-366 (2001).
	CB	Bridge et al.	Nat. Genet. 34: 263-264 (2003).
	CC	Donze et al.	Nucleic Acids Res. 30: e46 (2002).
	CD	Elbashir et al.	Nature 411: 494-498 (2001).
	CE	Fire et al.	Nature 391: 806-811 (1998).
	CF	Hammond et al.	Nat. Rev. Genet. 2: 110-119 (2001).
	CG	Holen et al.	Nucleic Acids Res. 30: 1757-1766 (2002).
	CH	Irie et al.	Biochem. Biophys. Res. Com. 298: 738-743 (2002).
	CI	Jackson et al.	Nat. Biotechnol. 21: 635-637 (2003).
	CJ	Kawasaki et al.	Nucleic Acids Res. 31: 981-987 (2003).
	CK	Klemke et al.	J. Cell. Bio. 137:2, 481-492 (1997).
	CL	Myers et al.	Nature Biotechnology 21: 324-328 (2003).
	CM	Paddison et al.	Proc. Natl. Acad. Sci. 99: 1443-1448 (2002).
	CN	Paddison et al.	Genes and Dev. 16: 948-958 (2002).
	CO	Park et al.	Nucleic Acids Res. 30:22, 4830-4835 (2002).
	CP	Persengiev et al.	RNA 10: 15-18 (2003).
	CQ	Semizarov et al.	Proc. Natl. Acad. Sci. 100: 6347-6352 (2003).
	CR	Sharp	Genes Dev. 15: 485-490 (2001).
	CS	Wu et al.	Cancer Res. 63: 1515-1519 (2003).
	CT	Yang et al.	Mol. Cell. Biol. 21: 7807-7816 (2001).
	CU	Yang et al.	Proc. Natl. Acad. Sci. USA 99: 9942-9947 (2002).

Examiner Signature: \_\_\_\_\_

Date Considered: \_\_\_\_\_

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation *if not* in conformance and not considered. Include copy of this form with next communication to applicant.

JAP11 Rec'd PCT/PTO 14 AUG 2006  
10/589144

**Section 2. Copies of Listed Information Items Accompanying This Statement**

Legible copies of all items listed in Forms PTO/SB/08A and 08B (substitute for Form PTO-1449) accompany this information statement, except for US references AA-AG.

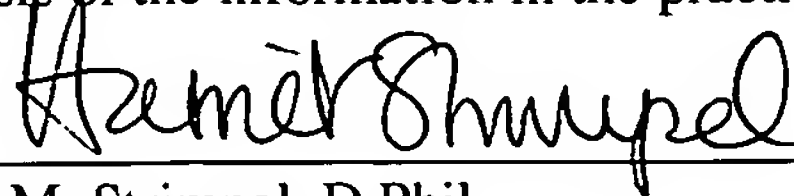
AA-AG; BA-BB; CA-CU

**Section 3. Identification of Person Making This Information Disclosure Statement**

The person making this certification is:

- a. the practitioner who signs below on the basis of the information in the practitioner's file.

Date: August 14, 2006



Harriet M. Strimpel, D.Phil.

Registration No. 37,008

New England Biolabs, Inc.

240 County Road

Ipswich, MA 01938

978-380-7373

Customer No. 28986